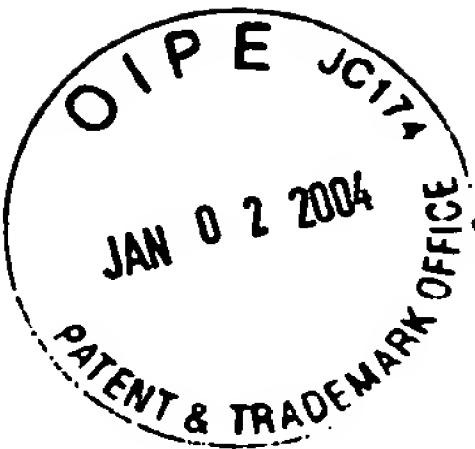


AMENDMENTS TO THE DRAWINGS

The Office Action, dated October 1, 2003, indicated objections to the drawings filed on July 21, 2003. The drawings filed herewith are believed to contain all of the necessary corrections.

Attachment: Letter Submitting Drawing Sheet(s) / Five (5) Replacement Drawings



HUMAIN	-	M	Y	K	L	A	S	E	E	L	L	F	I	G	F	L	N	P	L	L	S	L	P	L	L	D	S	R	E	I	S	F	Q	L	S	A	P	H	E	D	A	R	L	T	P	E	E	L	E	R	49	
GRENOUILLE	-	M	S	K	L	F	F	E	E	L	L	I	L	A	G	S	F	C	S	F	R	S	L	P	I	I	V	P	S	K	G	S	L	R	L	S	E	S	A	L	D	F	G	D	L	K	S	W	D	D	E	49
CARPE $\alpha$	M	M	C	N	L	L	S	F	S	V	L	L	L	S	C	T	H	L	V	A	H	P	V	T	D	T	A	D	M	T	Y	S	G	P	D	S	V	E	E	A	G	G	V	S	-	P	D	D	F	49		
CARPE $\gamma$	M	M	C	N	L	L	S	C	S	V	L	L	L	S	C	S	H	L	L	A	H	P	V	T	D	T	A	D	M	T	Y	S	G	P	D	S	V	E	E	A	G	G	V	N	-	P	D	D	F	49		

HUMAIN	A	S	L	L	Q	I	L	P	E	M	L	G	-	-	A	E	R	G	-	-	D	I	L	R	K	A	D	S	S	T	N	I	F	N	P	R	G	N	L	R	K	F	Q	D	F	S	G	Q	D	P	96
GRENOUILLE	T	R	L	L	R	N	L	P	M	F	V	D	K	E	A	E	R	D	A	E	D	I	F	S	K	E	G	F	G	L	D	A	Y	N	-	M	D	D	K	E	E	L	F	D	K	H	P	R	-	-	96
CARPE $\alpha$	A	V	S	D	L	N	D	L	Q	R	A	A	V	V	E	Y	S	-	-	P	L	L	S	R	E	N	I	K	V	P	G	Q	I	P	K	E	A	L	R	E	L	L	L	E	K	P	Y	-	-	96	
CARPE $\gamma$	S	V	S	D	L	N	E	H	L	Q	R	A	A	V	A	G	Y	S	-	-	P	L	F	S	Q	E	N	I	K	V	P	G	Q	I	P	K	E	A	L	R	E	L	L	L	E	K	P	Y	-	-	96

HUMAIN	N	I	L	L	S	H	L	L	A	R	I	W	K	P	Y	K	K	R	E	T	-	-	P	D	G	F	W	K	Y	G	V	124
GRENOUILLE	I	S	L	L	S	R	L	Q	S	K	D	R	K	Q	F	K	K	R	A	G	N	L	S	E	G	F	W	K	Y	G	V	127
CARPE $\alpha$	R	L	I	P	P	S	G	L	W	G	S	R	R	Q	F	R	K	R	G	G	-	G	A	D	G	F	W	K	Y	G	V	125
CARPE $\gamma$	R	L	I	P	P	R	G	L	W	G	S	R	R	Q	F	R	K	K	G	G	-	G	A	D	G	F	W	K	Y	G	I	125

\*\*\* ← URDENSINE II →

FIG. 1



5' CGG AGC AGA CAC CCA GCC AGA CTT CTT CCC GTC GTC ATG GAC AGG GTG CCC TTC  
Met Asp Arg Val Pro Phe  
TGC TGC CTG CTC TTC GTA GGA CTC CTG AAT CCA CTC CTG TCT TTT CCC GTC ACG  
Cys Cys Leu Leu Phe Val Gly Leu Leu Asn Pro Leu Leu Ser Phe Pro Val Thr  
*PEPTIDE SIGNAL*  
GAC ACT GGT GAA ATG TCT CTT CAG CTT CCA GTG CTT GAG GAA AAT GCT CTT CGG  
Asp Thr Gly Glu Met Ser Leu Gln Leu Pro Val Leu Glu Glu Asn Ala Leu Arg  
GCT CTG GAG GAG CTG GAG AGG ACT GCC CTC CTG CAG ACG CTG CGC CAG ACC GTG  
Ala Leu Glu Glu Leu Glu Arg Thr Ala Leu Leu Gln Thr Leu Arg Gln Thr Val  
*PRO-SEGMENT*  
GGC ACA GAA GCA GAG GGA AGC CTT GGC CAG GCA GAT CCC AGT GCC GAG ACT CCC  
Gly Thr Glu Ala Glu Gly Ser Leu Gly Gln Ala Asp Pro Ser Ala Glu Thr Pro  
ACT CCA AGG GGA AGC TTG AGG AAG GCT CTC ACT GGG CAA GAT TCT AAC ACT GTA  
Thr Pro Arg Gly Ser Leu Arg Lys Ala Leu Thr Gly Gln Asp Ser Asn Thr Val  
CTG AGC CGT CTT TTG GCG AGA ACC AGG AAA CAA CGT AAG CAA CAC GGG ACT GCC  
Leu Ser Arg Leu Leu Ala Arg Thr Arg Lys Gln Arg Lys Gln His Gly Thr Ala  
CCA GAA TGC TTC TGG AAG TAC TGC ATT TCA AGA GAG ACG TCT CCT CAG AAC CAT  
Pro Glu Cys Phe Trp Lys Tyr Cys Ile \*\*\*  
*URDENSINE II*  
CAC TTC AGG AAA CTA AAG AGC AGA TGC TTG AAG AAA AAT CGT GCC AAC AAC GCC  
CCG TTC TCC ACT ATG AGA AAT AAA CCC TCT ATG TTT CTC AAC T 3'

*FIG. 3*

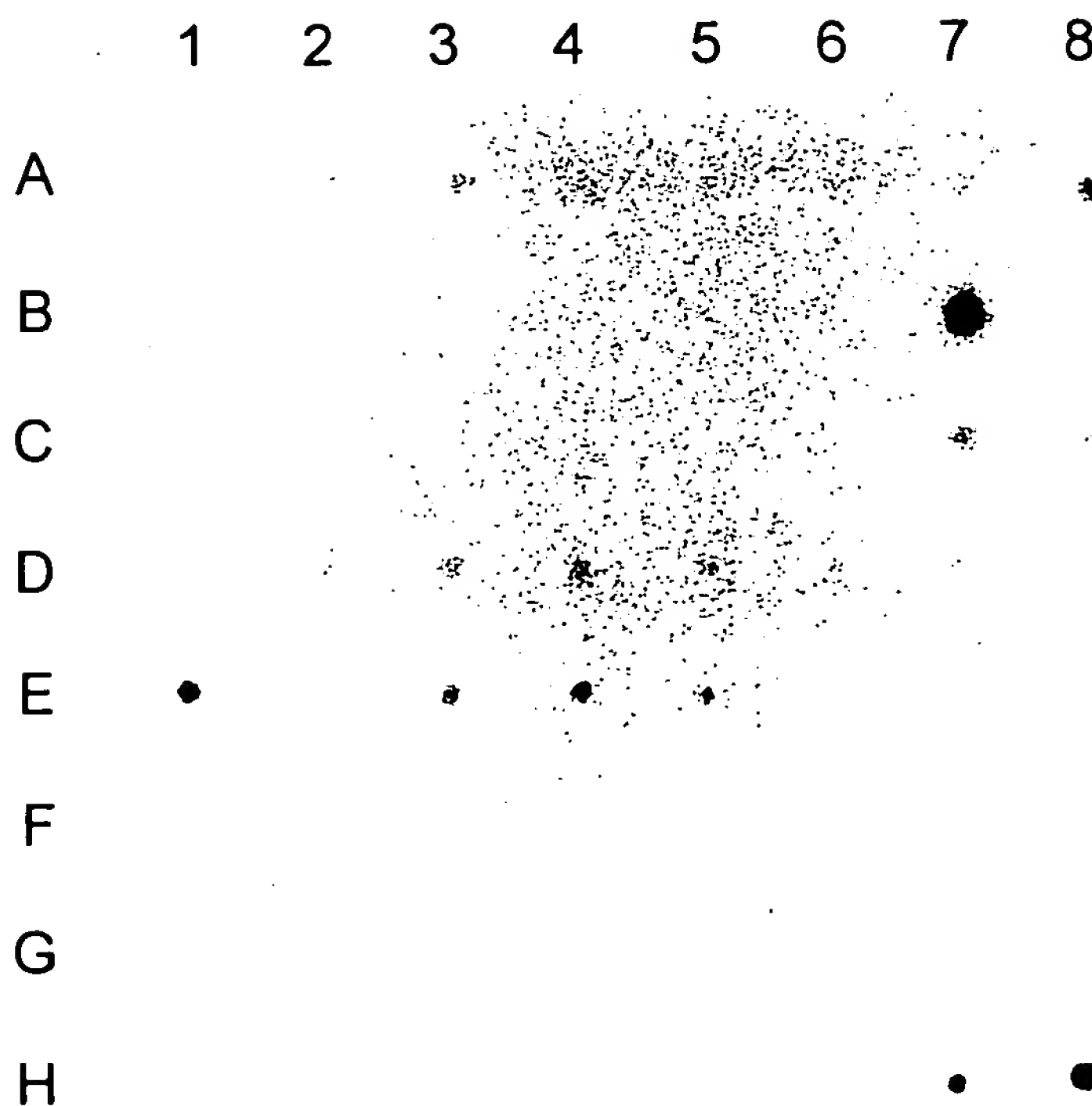


FIG. 5A(1)

13281 U.S. PTO  
 010204

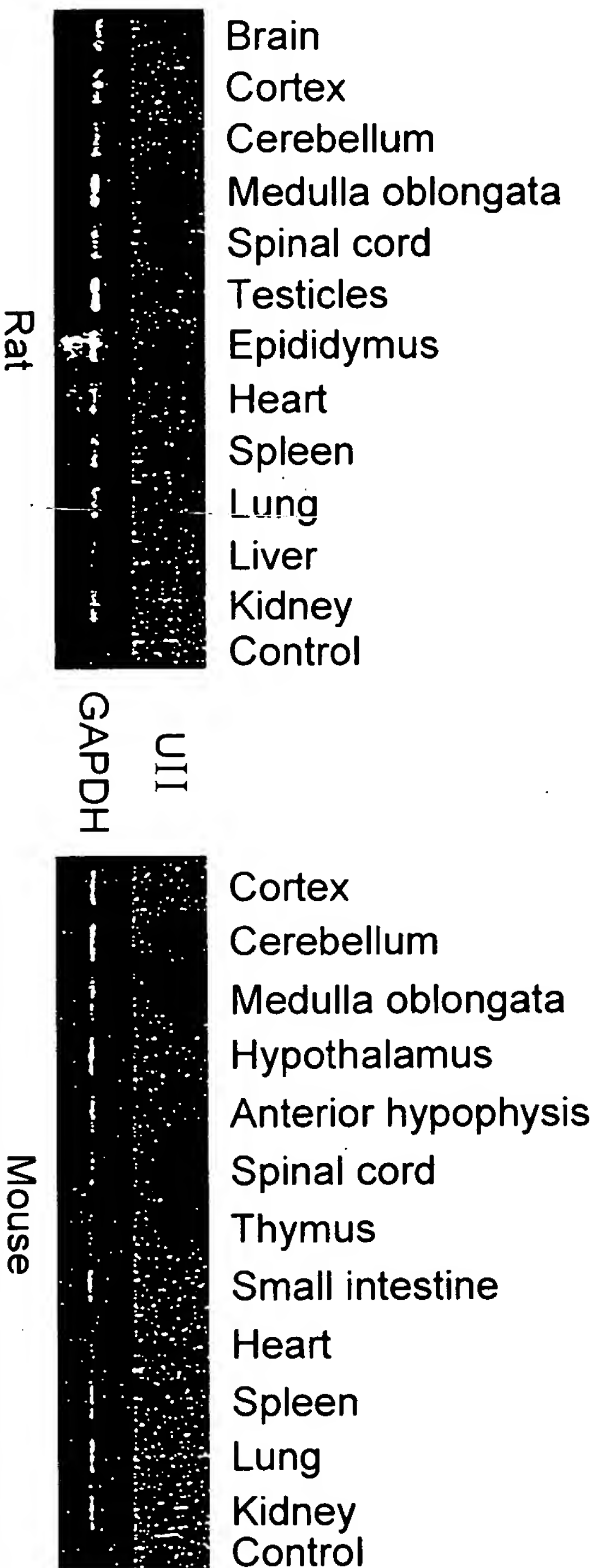


FIG. 7

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DOCKET # 208888US0PCT  
 INV. Jean-Claude BEAUVILLAIN, ET AL.  
 USSN 09/831,907  
 Reply to O.A. DATED October 1, 2003  
 REPLACEMENT DRAWINGS

	1	2	3	4	5	6	7	8
A	WHOLE BRAIN	TONSIL	CAUDATE NUCLEUS	CEREBELLUM	CEREBRAL CORTEX	FRONTAL LOBE	HIPPOCAMPUS	MEDULLA OBLONGATA
B	OCCIPITAL LOBE	PUTAMEN	SUBSTANTIA NIGRA	TEMPORAL LOBE	THALAMUS	SUBTHALAMIC NUCLEUS	SPINAL CORD	-
C	HEART	AORTA	SKELETAL MUSCLE	COLON	BLADDER	UTERUS	PROSTATE	STOMACH
D	TESTICLES	OVARIES	PANCREAS	HYPOPHYSIS	ADRENAL GLAND	THYROID	SALIVARY GLAND	MAMMARY GLAND
E	KIDNEY	LIVER	SMALL INTESTINE	SPLEEN	THYMUS	PERIPHERAL LEACOCYTE	LYMPH NODE	BONE MARROW
F	APPENDIX	LUNG	TRACHEA	PLACENTA	-	-	-	-
G	FETAL BRAIN	FETAL HEART	FETAL KIDNEY	FETAL LIVER	FETAL SPLEEN	FETAL THYMUS	FETAL LUNG	-
H	YEAST TOTAL RNA 100 ng	YEAST tRNA 100 ng	E. Coli rRNA 100 ng	E. Coli DNA 100 ng	POLY r(A) 100 ng	HUMAN C <sub>0</sub> t DNA	HUMAN DNA 100 ng	HUMAN DNA 500 ng

FIG.5A(2)

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